



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Complete If Known			
Application Number	10/767,018			
Filing Date	January 29, 2004			
First Named Inventor	Brent R. Stockwell			
Art Unit	1643			
Examiner Name	K. A. Canella			
Attorney Docket Number	WIBL-P01-011			

	U.S. PATENT DOCUMENTS				
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/KAC	AA	US-6,831,085	12-14-2004	Bergnes et al.	

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Cotumns, Lines, Where Relevant Passages Or Relevant Figures Appear	
7KAC/	ВА	JP-07-258224-A	10-09-1995	Dai Ichi Seiyaku Co. Ltd (abstract)		

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	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		

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Examiner	/Karen A. Canella, Ph.D./	Date	11/26/2007
Signature	march A. Gariella, i II.D.i	Considered	11/20/2001

^{&#}x27;Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449/PTO

Sheet

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(Use as many sheets as necessary)

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/KAC/	AB	US-20040248221-A1	12-09-2004	Stockwell		
IKACI	AC	US-20030171316-A1	09-11-2003	Jupe		
/KAC/	AD	US-20040096444-A1	05-20-2004	Pizzo et al.		

		FOREI	GN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁶ (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	
/KAC/		WO-02/099122	12-12-2002	Exelixis Inc et al.		<u> </u>
/KAC/	вс	WO-2004/030615	04-15-2004	Genentech Inc et al.		Г
/KAC/	BD	WO-04/055519	07-01-2004	Hoffmann La Roche et al.		Г
/KAC/		WO-99/21988	05-06-1999	Shanghai Second Medical Univer et al.		Γ
L/KAC/	BF	WO-02/083143	10-24-2002	Tularik Inc et al.		Г

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		NON PATENT LITERATURE DOCUMENTS	•
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/KAC/	CR2	ABDEL-ALIM, et al., "Synthesis and biological activities of 6-bromo-2,3-disubstituted-4-(3H)-quinazolinones," Indian Journal of Chemistry, 33(B):260-265 (1994).	
/KAC/	CS2	ADAM, et al., "Comprehensive Proteomic Analysis of Breast Cancer Cell Membranes Reveals Unique Proteins with Potential Roles in Clinical Cancer," JBC Papers in Press, 1-60 (2002).	
/KAC/	CT2	AGER, et al., "Synthesis and Central Nervous System Activity of Quinazolones Related to 2-Methyl-3-(o-tolyl)-4(3H)-quinazolone (Methaqualone)," J. Med. Chem., 20(3):379-386 (1977).	
/KAC/	CU2	Database Registry Chemical Abstracts Service, Columbus, Ohio, US; (2001-05-21), XP002405284, RN 336853-04-4.	
/KAC/	CV2	Database Registry Chemical Abstracts Service, Columbus, Ohio, US; (2001-05-21), XP002405285, RN 336813-90-2.	
/KAC/	CW2	DOLMA, et al., "Identification of genotype-selective antitumor agents using synthetic lethal chemical screening in engineered human tumor cells," Cancer Cell, 3:285-296 (2003).	
/KAC	CX2	FIGYS, et al., "VDAC Can Control Apoptosis By Controlling Metabolism," Biophysical Jr., 86(1):463A-464A (2004).	
/KAC	CY2	GUPTA, et al., "A Novel Class of Hypoglycaemic Agents: Syntheses & SAR in 2-Substituted 4(3H)-Quinazolones, 2-Substituted 4-Hydroxypolymethylene[5,6]pyrimidines & 3-Substituted 4-Oxo-pyrido[1,2-α]pyrimidines," Indian Journal of Chemistry, 9:201-206 (1971).	
/KAC/	CZ2	IKONEN, et al., "Prohibitin, an antiproliferative protein, is localized to mitochondria," FEBS Letters, 358(3):273-277 (1995).	
L/KAC/	CA3	KOZHEVNIKOV, et al., "Synthesis in the 2-aminoethyl-3-(2'-tolyl)-4-quinazolone," Khimiko-	

Examiner		Date	
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Subs	Substitute for form 1449/PTO			Complete if Known		
	• • •			Application Number	10/767,018	
IN	FORMATIC	ON DISC	LOSURE	Filing Date	January 29, 2004	
S	STATEMENT BY APPLICANT		First Named Inventor	Brent R. Stockwell		
				Art Unit	1643	
	(Use as many	sheets as nec	essary)	Examiner Name	K. A. Canella	
Sheet	2	of	2	Attorney Docket Number	WIBL-P01-011	

		Farmatsevticheskii Zhurnal, 4(11):22-25 (1970).	
/KAC	CB3	TANI, et al., "Studies on Biologically Active Halogenated Compounds II. Chemical Modifications of 6-amino-2-fluoromethyl-3-(o-toly)-4(3H) quinazolinone and the CNS depressant activities of related compounds," Chemical and Pharmaceutical Bulletin, Pharmaceutical Society of Japan, 27(11):2675-2687 (1979).	
/KAC/	CC3	VERMA, et al., "A New Potent Anti-Inflammatory Quinazolone," Pharmacological Research Communications, Italian Pharmacological Society, IT, 13(10):967-979 (1981).	

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PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO			<u> </u>	Complete If Known		
				Application Number	10/767018	
IN	IFORMATIO	N DI	SCLOSURE	Filing Date	January 29, 2004	
S	STATEMENT BY APPLICANT			First Named Inventor	Brent R. Stockwell	
				Art Unit	1642	
	(Use as many si	eets a	necessary)	Examiner Name	Not Yet Assigned	
Sheet	2	of	4	Attorney Docket Number	WIBL-P01-011	

K	AC		chemical screening in engineered human tumor cells," Cancer Cell, 3:285-296 (2003).
.K	AC	CN	Druker, B.J. et al., "Effects of a selective inhibitor of the Abi tyrosine kinase on the growth of Bcr-Abi positive cells", Nature Medicine, 2:561-566 (1996) (Abstract)
		со	Elenbaas, B. et al., "Human breast cancer cells generated by oncogenic transformation of
₩	-	CP	primary mammary epithelial cells", Genes & Development, 15:50-65 (2001)
П		CP	Eng, W-K., et al., "Evidence that DNA Topoisomerase I Is Necessary for the Cytotoxic Effects of Camptothecin," Mol Pharmacol, 34:755-60 (1988).
Н		ca	Hahn, W. C. and Weinberg, R. A., "Modelling the Molecular Circuitry of Cancer", Nature
11		-	Reviews Cancer, 2:331-341 (2002)
П		CR	Hahn, W.C., et al., "Creation of human tumour cells with defined genetic elements," Nature,
H		cs	400:464-468 (1999). Hahn, W.C., et al., "Enumeration of the Simian Virus 40 Early Region Elements Necessary for
			Human Cell Transformation," Mol Cell Biol, 22(7):2111-23 (2002).
		СТ	Hahn, W.C., et al., "Inhibition of telomerase limits the growth of human cancer cells," Nat Med, 5(10):1164-1170 (1999).
		CU	Hamad, N. M. et al., "Distinct requirements for Ras oncogenesis in human versus mouse cells", Genes & Development, 16:2045-2057 (2002)
H		cv	Harley, C.B., "Telomerases," Pathol Biol (Paris), 42:342-5 (1994).
\sqcap		cw	Hsiang, Y-H. and Liu, L.F., "Identification of Mammalian DNA Topolsomerase I as an
\sqcup		<u> </u>	Intracellular Target of the Anticancer Drug Camptothecin," Cancer Res, 48:1722-6 (1988).
		СХ	Hsiang, Y-H., et al., "Arrest of Replication Forks by Drug-stabilized Topoisomerase I-DNA Cleavable Complexes as a Mechanism of Cell Killing by Camptothecin," Cancer Res, 49:5077-82 (1989).
		CY	Jorcyk, C.L., et al., "Development and Characterization of a Mouse Prostate Adenocarcinoma Cell Line: Ductal Formation Determined by Extracellular Matrix," The Prostate, 34:10-22 (1998).
		CZ	Kohno, T., et al, "Alterations of the PPP1R3 Gene in Human Cancer," Cancer Res, 59:4170-4 (1999).
		CA1	Laurent, G. and Jaffrezou, J-P., "Signaling pathways activated by daunorubicin," Blood, 98(4):913-924 (2001).
		CB1	Lessnick, S.L., et al., "The Ewing's sarcoma oncoprotein EWS/FLI induces a p53- dependent growth arrest in primary human fibroblasts," Cancer Cell, 1:393-401 (2002).
		CC1	Liu, L.F., et al., "Mechanism of Action of Camptothecin," Annals N Y Acad Sci, 922:1-10 (2000).
		CD1	Loomis, C.R. and Bell, R.M., "Sangivamycin, a Nucleoside Analogue, Is a Potent Inhibitor of Protein Kinase C*," J Biol Chem, 263(4):1682-1692 (1998).
		CE1	Madden, K.R., and Champoux, J.J., "Overexpression of Human Topoisomerase I in Baby Hamster Kidney Cells: Hypersensitivity of Clonal Isolates to Camptothecin," Cancer Res, 52:525-32 (1992).
		CF1	Majno, G. and Joris, I., "Apoptosis, Oncosis, and Necrosis," Am J Pathol, 146(1):3-15 (1995).
		CG1	Makin, G., "Targeting apoptosis in cancer chemotherapy," Expert Opin Ther Targets, 6(1):73-84 (2002).
		CH1	Miller, M.L. and Ojima, I., "Chemistry and Chemical Biology of Taxane Anticancer Agents," Chem. Record, 1:195-211 (2001).
		CI1	Millward, T.A., et al., "Regulation of protein kinase cascades by protein phosphatase 2A," Trends Blochem Sci, 24:186-91 (1999).
	/	င႘႑	Mokbel, K. and Hassanally, D., "From HER2 to Herceptin," Curr Med Res Opin, 17(1):51-9 (2001).
	_	CK1	Müller, I., et al., "Anthracycline-derived chemotherapeutics in apoptosis and free radical

Examiner	/Karen A. Canella, Ph.D./	Date	02/20/2007
Signature	/Kalen A. Canella, Ph.D./	Considered	02/20/2007
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		_		Application Number	10/767018	
11	NFORMATION	N DI	SCLOSURE	Filing Oate	January 29, 2004	
l s	STATEMENT BY APPLICANT			First Named Inventor	Brent R. Stockwell	
				Art Unit	1642	
	(Use as many sh	eets a	s necessary)	Examiner Name	Not Yet Assigned	
Sheet	3	of	4	Attorney Docket Number	WIBL-P01-011	

K	AC		cytotoxicity (Review), Int J Mol Med, 1:491-4 (1998).	
KAC		CL1	Nociari, M.M., et al., "A novel one-step, highly sensitive fluorometric assay to	
	nc_]	evaluate cell-mediated cytotoxicity," J. Immunol. Methods, 213:157-167 (1998).	
		CM1	Pallas, D.C., et al, "Polyoma small and middle T antigens and SV40 small t antigen form stable	
		<u> </u>	complexes with protein phosphatase 2A," Cell, 60:167-176 (1990)	<u> </u>
		CN1	Perez-Stable, C., et al., "Prostate Cancer Progression, Metastasis, and Gene Expression in	l
4		-	Transgenic Mice," Cancer Res, 57:900-6 (1997).	<u> </u>
\dashv		CO1	Rao, K.V., "Structure of Sangivamycin," J Med Chem, 11:939-41 (1968).	
		CP1	Rich, J.N., et al., "A Genetically Tractable Model of Human Glioma Formation," Cancer Res, 61:3556-60 (2001).	
		CQ1	Richard, D., et al., "Free radical production and labile iron pool decrease triggered by subtoxic concentration of aclarubicin in human leukemia cell lines," Leukemia Res, 26:927-931 (2002).	
П		CR1	Ruediger, R., et al., "Alterations in protein phosphatase 2A subunit interaction in	
ŀŀ		l	human carcinomas of the lung and colon with mutations in the Aß subunit gene,"	
ŀ		ì	Oncogene, 20:1892-1899 (2001).	1
Ħ		CS1	Ruediger, R., et al., "Disruption of protein phosphatase 2A subunit interaction in human	t
H			cancers with mutations in the Aα subunit gene," Oncogene, 20:10-15 (2001).	l
H		CT1	Sabatini, D.M., et al., "RAFT1: A mammalian protein that binds to FKBP12 in a rapamycin-	
1			dependent fashion and is homologous to yeast TORs," Cell, 78:35-43 (1994)	1
П		CU1	Sandmoller, A., et al., "A Transgenic Mouse Model for Lung Adenocarcinoma," Cell Growth & Differ, 6:97-103 (1995).	
П		CV1	Schreiber, S.L., *Chemical Genetics Resulting from a Passion for Synthetic Organic Chemistry, Bioorg. Med. Chem., 6:1127-1152 (1998).	
Н		CW1	Sellers, W.R. and Kaelin, W.G., "Role of the retinoblastoma protein in the pathogenesis of	╁
Ц			human cancer," J Clin Oncol, 15:3301-3312 (1997).	_
	,	CX1	Shawver, L.K., et al., "Smart drugs: Tyrosine kinase inhibitors in cancer therapy," Cancer Cell, 1:117-123 (2002).	
		CY1	Sherr, C.J., "The INK4a/ARF Network in Tumour Suppression," Nat Rev Mol Cell Biol, 2:731-737 (2001).	
		CZ1	Shi, Y., et al., "Enhanced Sensitivity of Multiple Myeloma Cells Containing PTEN Mutations to CCI-779," Cancer Res, 62:5027-34 (2002).	
		CA2	Simons, A., et al., "Establishment of a Chemical Synthetic Lethality Screen in Cultured Human Cells," Genome Res, 11:266-273 (2001).	
		CB2	Stockwell, B. R., "Chemical Genetic Screening Approaches to Neurobiology," Neuron, 36:559-562 (2002).	
П		CC2	Stockwell, B. R., "Frontiers in chemical genetics", Trends Biotechnol 18, 449-55, (2000)	\vdash
		CD2	Stockwell, B.R., "Chemical Genetics: Ligand-Based Discovery of Gene Function, Nat Rev Genet, 1:116-125 (2000).	
		CE2	Stockwell, B.R., "The biological magic behind the bullets," Nature Biotechnology, 22(1):37-38 (2004).	
		CF2	Stockwell, B.R., et al., "High-throughput screening of small molecules in miniaturized mammalian cell-based assays involving post-translational modifications," Chem Biol, 6:71-83 (1999).	
		CG2	Testa, J.R. and Giordano, A., "SV40 and cell cycle perturbations in malignant mesothelioma," Seminars in Cancer Biol, 11:31-8 (2001).	
		CH2	Torrance, C.J., et al., "Use of isogenic human cancer cells for high-throughput screening and drug discovery," Nat Biotechnol, 19:940-945 (2001).	
\	/	CI2	Traganos, F., et al., "Induction of Apoptosis by Camptothecin and Topotecan," Ann N Y Acad Sci, 803:101-10 (1996).	
$\vdash $	γ—	CJ2	Tsao, Y-P., et al., "Interaction between Replication Forks and Topoisomerase I-DNA	1
=			103C / IDate	_

Examiner Signature 9738288_1 Date Considered /Karen A. Canella, Ph.D./ 02/20/2007